EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	496	watanabe-hajime.IN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/15 09:41
S2	25	S1 and (cage or retainer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/15 09:41
S3	3522	jtekt.AS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/15 09:46
S4	362	S3 and (cage or retainer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/15 09:46
S5	353	S4 not S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/15 09:46
S6	202	S5 and roller	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/15 09:46
S7	13	S6 and ((one adj way) or one$way or free$wheel or free$wheeling or over $running or uni $directional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/15 09:48
S8	3	("20020183147" | "5941355" | "6588560"). PN.	US-PGPUB; USPAT	OR	ON	2008/07/15 10:09

S9	2417	((one adj way) or one $way or free$wheel or free $wheeling or over$running or uni$directional) and (cage or retainer) and inserting and rotating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/15 10:25
S10	129	S9 and (method adj assembl$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/15 10:26
S11	1678	192/45.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/15 10:34
S12	554	S11 and (cage or retainer)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/15 10:34
S13	8	S12 and (method adj assembl$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/15 10:35
S14	11	S11 and (method adj assembl$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/15 10:37
S15	3	S14 not S13	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/15 10:38
S16	16	("3537554" | "3537555" | "3937312" | "3955659" | "4878569" | "5511642" | "5695031").PN. OR ("5941355").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/15 11:57
S17	16	("4054192" | "4185724" | "4679676" | "4711330" | "4724940" | "4787490" | "4834227" | "4850463" | "4924981" | "4986402" | "4993528" | "4995489" | "5048651" | "5062512"). PN. OR ("5704458"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/15 12:07
S18	22	("2793729" | "2812839" | "3194369" | "3324980" | "4185724" | "4187937" | "4679676" | "4736827"). PN. OR ("4986402"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/15 14:25
S19	416	((one adj way) or one $way or free$wheel or free $wheeling or over$running or uni$directional) and (cage or retainer) and (method adj2 assembling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/15 15:02

S20	61	(((one adj way) or one $way or free$wheel or free $wheeling or over$running or uni$directional) adj clutch) and roller and (cage or retainer) and (method adj2 assembling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/15 15:03
S21	918	29/898.061-898.065.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/07/16 07:19
S22	873	29/898.061-898.065.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/07/16 07:19
S23	314	S22 and (cage or retainer)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 07:19
S24	10	S23 and ((one adj way) or one$way or free$wheel or free$wheeling or over $running or uni $directional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/16 07:20
S25	1258	29/434.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 07:23
S26	157	S25 and (cage or retainer)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 07:23
S27	17	S26 and ((one adj way) or one$way or free$wheel or free$wheeling or over $running or uni $directional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/16 07:23
S28	1148	29/469.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 07:26
S29	91	S28 and (cage or retainer)	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 07:26
S30	7	S29 and ((one adj way) or one$way or free$wheel or free$wheeling or over $running or uni $directional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/16 07:26

| S31 | 152 | ("2753027" \| "3055472" \| "3118525" \| "3134471" \| "3166169" \| "3184020" \| "3219163" \| "3241641" \| "3260333" \| "3339687" \| "3404760" \| "3500977" \| "3537554" \| "3537555" \| "3598212" \| "3731774" \| "3737015" \| "3799306" \| "3877555" \| "3899225" \| "3917036" \| "3937312" \| "3955659" \| "3990555" \| "3993176" \| "4004840" \| "4106602" \| "4114739" \| "4230211" \| "4252221" \| "4391476" \| "4422537" \| "4522289" \| "4555002" \| "4571227" \| "4664237" \| "4711330" \| "4712661" \| "4723645" \| "4723851" \| "4782928" \| "4783182" \| "4808082" \| "4819776" \| "4821857" \| "4830157" \| "4848508" \| "4850462" \| "4850463" \| "4878569" \| "4893702" \| "4921084" \| "4924980" \| "4924981" \| "4987670" \| "4998605" \| "5033878" \| "5156246" \| "5183139" \| "5195604" \| "5273144" \| "5275261" \| "5279399" \| "5279400" \| "5307911" \| "5443147" \| "5511642" \| "5526911" \| "5542515" \| "5636720" \| "5675202" \| "5695031" \| "5957592" \| "5996753" \| "6093991" \| "6116393" \| "6138804" \| "6170625"). PN. OR ("2004/0129524" \| "2172653" \| "3166169" \| "3937312" \| "4566567" \| "4819776" \| "4915201" \| "4995489" \| "5062512" \| "5617937" \| "5941355" \| "6092634" \| "6588560"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/07/16 08:28 |

| S32 | 138 | ("2753027" | "3055472" | "3118525" | "3134471" | "3166169" | "3184020" | "3219163" | "3241641" | "3260333" | "3339687" | "3404760" | "3500977" | "3537554" | "3537555" | "3598212" | "3731774" | "3737015" | "3799306" | "3877555" | "3899225" | "3917036" | "3937312" | "3955659" | "3990555" | "3993176" | "4004840" | "4106602" | "4114739" | "4230211" | "4252221" | "4391476" | "4422537" | "4522289" | "4555002" | "4571227" | "4664237" | "4711330" | "4712661" | "4723645" | "4723851" | "4782928" | "4783182" | "4808082" | "4819776" | "4821857" | "4830157" | "4848508" | "4850462" | "4850463" | "4878569" | "4893702" | "4921084" | "4924980" | "4924981" | "4987670" | "4998605" | "5033878" | "5156246" | "5183139" | "5195604" | "5273144" | "5275261" | "5279399" | "5279400" | "5307911" | "5443147" | "5511642" | "5526911" | "5542515" | "5636720" | "5675202" | "5695031" | "5957592" | "5996753" | "6093991" | "6116393" | "6138804" | "6170625"). PN. OR ("2004/0129524" | "2172653" | "3166169" | "3937312" | "4566567" | "4819776" | "4915201" | "4995489" | "5062512" | "5617937" | "5941355" | "6092634" | "6588560"). URPN. | US-PGPUB; USPAT | OR | ON | 2008/07/16 08:28 |

S33	33	(US-20020183147-$ or US-20050092573-$ or US-20040129524-$ or US-20030000792-$).did. or (US-6588560-$ or US-5941355-$ or US-4949824-$ or US-7124868-$ or US-7004861-$ or US-6830137-$ or US-6343682-$ or US-6092634-$ or US-5695031-$ or US-3937312-$ or US-5819898-$ or US-5704458-$ or US-5062512-$ or US-4995489-$ or US-4993528-$ or US-4679676-$ or US-5667046-$ or US-5617937-$ or US-5156246-$ or US-5129495-$ or US-5007514-$ or US-4915201-$ or US-4819776-$ or US-4830157-$ or US-4566567-$ or US-4187937-$).did. or (US-4185724-$).did. or (US-3166169-$ or US-2172653-$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/16 08:29
S34	125	S32 not S33	US-PGPUB; USPAT	OR	ON	2008/07/16 08:29
S35	14	watanabe-hajime.IN. and @pd>"20080716"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 15:04
S36	576	jtekt.AS. and @pd>"20080716"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 15:09
S37	565	S36 not S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 15:10
S38	63	S37 and (cage or retainer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 15:10

S39	43	S38 and roller	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 15:11
S40	137	((one adj way) or one $way or free$wheel or free $wheeling or over$running or uni$directional) and (cage or retainer) and inserting and rotating and @pd>"20080716"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 15:26
S41	137	S40 not (S35 S37 S39)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 15:26
S42	12	S41 and (method adj assembl$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 15:27
S43	9	192/45.ccls. and @pd>"20080716"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 15:27
S44	9	S43 not (S35 S37 S39 S42)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 15:28
S45	21	((one adj way) or one $way or free$wheel or free $wheeling or over$running or uni$directional) and (cage or retainer) and (method adj2 assembling) and @pd>"20080716"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 15:29
S46	10	S45 not (S35 S37 S39 S42 S44)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 15:30
S47	2	(((one adj way) or one $way or free$wheel or free $wheeling or over$running or uni$directional) adj clutch) and roller and (cage or retainer) and (method adj2 assembling) and @pd>"20080716"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 15:31
S48	0	S47 not (S35 S37 S39 S42 S44 S46)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 15:31
S49	2	29/898.061-898.065.ccls. and @pd>"20080716"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/06 15:31

S50	2	S49 not (S35 S37 S39 S42 S44 S46 S48)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 15:31
S51	11	29/434.ccls. and @pd>"20080716"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 15:32
S52	11	S51 not (S35 S37 S39 S42 S44 S46 S48 S50)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 15:32
S53	14	29/469.ccls. and @pd>"20080716"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 15:33
S54	13	S53 not (S35 S37 S39 S42 S44 S46 S48 S50 S52)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 15:33
S55	2693	188/82.1-82.9.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 15:34
S56	216	S55 and (cage or retainer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/06 15:34
S57	216	S56 not (S35 S37 S39 S42 S44 S46 S48 S50 S52 S54)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 15:35
S58	1687	192/45.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 15:47
S59	557	S58 and (cage or retainer)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 15:47
S60	152	S57 not S59	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 15:47
S61	8	S59 and (method adj assembl$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 15:48
S62	11	S58 and (method adj assembl$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 15:48
S63	152	S60 not (S61 S62)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 15:48
S64	1017	192/45.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 15:53
S65	392	S64 and (cage or retainer)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 15:53
S66	350	S65 not (S59 S63 S61 S62)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/06 15:54
S67	14	watanabe-hajime.IN. and @pd>"20080716"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 07:16

S68	576	jtekt.AS. and @pd>"20080716"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 07:16
S69	565	S68 not S67	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 07:16
S70	63	S69 and (cage or retainer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 07:16
S71	43	S70 and roller	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 07:16
S72	137	((one adj way) or one $way or free$wheel or free $wheeling or over$running or uni$directional) and (cage or retainer) and inserting and rotating and @pd>"20080716"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 07:16
S73	137	S72 not (S67 S69 S71)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 07:16
S74	12	S73 and (method adj assembl$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 07:16
S75	9	192/45.ccls. and @pd>"20080716"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 07:16
S76	9	S75 not (S67 S69 S71 S74)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 07:16

S77	21	((one adj way) or one $way or free$wheel or free $wheeling or over$running or uni$directional) and (cage or retainer) and (method adj2 assembling) and @pd>"20080716"	US-PGPUB; USPAT, USOCR, FPRS, EPO; JPO, DERWENT; IBM_TDB	OR	ON	2009/01/07 07:16
S78	10	S77 not (S67 S69 S71 S74 S76)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 07:16
S79	2	(((one adj way) or one $way or free$wheel or free $wheeling or over$running or uni$directional) adj clutch) and roller and (cage or retainer) and (method adj2 assembling) and @pd>"20080716"	US-PGPUB; USPAT, USOCR, FPRS; EPO; JPO, DERWENT; IBM_TDB	OR	ON	2009/01/07 07:16
S80	0	S79 not (S67 S69 S71 S74 S76 S78)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 07:16
S81	2	29/898.061-898.065.ccls. and @pd>"20080716"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/07 07:16
S82	2	S81 not (S67 S69 S71 S74 S76 S78 S80)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 07:16
S83	11	29/434.ccls. and @pd>"20080716"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 07:16
S84	11	S83 not (S67 S69 S71 S74 S76 S78 S80 S82)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 07:16
S85	14	29/469.ccls. and @pd>"20080716"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 07:16
S86	13	S85 not (S67 S69 S71 S74 S76 S78 S80 S82 S84)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 07:16
S87	2693	188/82.1-82.9.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 07:16
S88	216	S87 and (cage or retainer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 07:16
S89	216	S88 not (S67 S69 S71 S74 S76 S78 S80 S82 S84 S86)	US-PGPUB, USPAT; USOCR	OR	ON	2009/01/07 07:16
S90	1687	192/45.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 07:16
S91	557	S90 and (cage or retainer)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 07:16
S92	152	S89 not S91	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 07:16

S93	8	S91 and (method adj assembl$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 07:16
S94	11	S90 and (method adj assembl$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 07:16
S95	152	S92 not (S93 S94)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 07:16
S96	1017	192/45.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 07:16
S97	392	S96 and (cage or retainer)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 07:16
S98	350	S97 not (S91 S95 S93 S94)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 07:16
S99	6	S98 and (method adj assembl$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 07:16
S100	1	((retainer or cage) and annular and (engag$ or engagement) and (pillar or column or connect$3) and (non-engag$3 or non-engagement) and circle).clm.	US-PGPUB	OR	ON	2009/01/07 07:48
S101	0	((retainer or cage) and annular and (engag$ or engagement) and (pillar or column or connect$3) and (non-engag$3 or non-engagement) and pocket and prismatic and polygon $2 and peripher$2 and (circumcircle or circle)).clm.	US-PGPUB	OR	ON	2009/01/07 07:51
S102	1	((retainer or cage) and annular and (engag$ or engagement) and (pillar or column or connect$3) and (non-engag$3 or non-engagement) and pocket and (cylinder or cylindrical) and polygon$2 and peripher$2 and (circumcircle or circle)).clm.	US-PGPUB	OR	ON	2009/01/07 07:52
S103	1290	192/41R.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:30
S104	115	S103 and (cage or retainer)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:30

S105	14	watanabe-hajime.IN. and @pd>"20080716"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 08:31
S106	576	jtekt.AS. and @pd>"20080716"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 08:31
S107	565	S106 not S105	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 08:31
S108	63	S107 and (cage or retainer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 08:31
S109	43	S108 and roller	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 08:31
S110	137	((one adj way) or one $way or free$wheel or free $wheeling or over$running or uni$directional) and (cage or retainer) and inserting and rotating and @pd>"20080716"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 08:31
S111	137	S110 not (S105 S107 S109)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 08:31
S112	12	S111 and (method adj assembl$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 08:31
S113	9	192/45.ccls. and @pd>"20080716"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:31

S114	9	S113 not (S105 S107 S109 S112)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:31
S115	21	((one adj way) or one $way or free$wheel or free $wheeling or over$running or uni$directional) and (cage or retainer) and (method adj2 assembling) and @pd>"20080716"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 08:31
S116	10	S115 not (S105 S107 S109 S112 S114)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:31
S117	2	(((one adj way) or one $way or free$wheel or free $wheeling or over$running or uni$directional) adj clutch) and roller and (cage or retainer) and (method adj2 assembling) and @pd>"20080716"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 08:31
S118	0	S117 not (S105 S107 S109 S112 S114 S116)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:31
S119	2	29/898.061-898.065.ccls. and @pd>"20080716"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/07 08:31
S120	2	S119 not (S105 S107 S109 S112 S114 S116 S118)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:31
S121	11	29/434.ccls. and @pd>"20080716"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:31
S122	11	S121 not (S105 S107 S109 S112 S114 S116 S118 S120)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:31
S123	14	29/469.ccls. and @pd>"20080716"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:31
S124	13	S123 not (S105 S107 S109 S112 S114 S116 S118 S120 S122)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:31
S125	2693	188/82.1-82.9.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:31
S126	216	S125 and (cage or retainer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/07 08:31
S127	216	S126 not (S105 S107 S109 S112 S114 S116 S118 S120 S122 S124)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:31
S128	1687	192/45.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:31

S129	557	S128 and (cage or retainer)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:31
S130	152	S127 not S129	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:31
S131	8	S129 and (method adj assembl$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:31
S132	11	S128 and (method adj assembl$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:31
S133	152	S130 not (S131 S132)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:31
S134	1017	192/45.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:31
S135	392	S134 and (cage or retainer)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:31
S136	350	S135 not (S129 S133 S131 S132)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:31
S137	59	S104 not (S129 S133 S131 S132 S136)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/07 08:31

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